

BALLISTIC PROTECTION ARMOR - LEVEL IIIA

Panels in dimensions of up to 4m² or in pre-cut parts according to the client's design.

TECHNICAL NAME	Aramid Opaque Armor - 12 layers (Stand Alone)
PROTECTION LEVEL	III-A
COMPLIANCE WITH REQUIREMENTS, STANDARDS AND APPROVAL	<ul style="list-style-type: none">• ORDINANCE No. 94 - COLOG, OF AUGUST 16, 2019• ORDINANCE No. 189-EME, OF AUGUST 18, 2020• ABNT NBR 15000-2:2020• ABNT NBR 15000:2005• US National Institute of Justice - NIJ 0108.01
RAW MATERIAL	<ul style="list-style-type: none">• Fabric made from Aramid Synthetic Fiber• Polymeric Adhesive
ESPECIFICAÇÃO	<ul style="list-style-type: none">• Product Controlled by the Brazilian Army (PCE), approved according to the highest national standards, such as ABNT NBR 15000: 2020 and its requirements, and in compliance with NIJ STD 0108.01 of the US National Institute of Justice.• Made of multiple layers of synthetic Aramid fabric, interspersed with polymer film, which provides greater lightness, flexibility and high performance.
FINISHING	Materials may include polymeric textile treatments to add protection, waterproofing and durability.
CHARACTERISTICS	<ul style="list-style-type: none">• Density of Opaque Ballistic Composite (Kg/m²): 6.290 Kg/m² ± 5%• Opaque Ballistic Composite Thickness: 6 ± 5% mm• V50: Greater than 490 m/s - 9mm Luger FMJ 124 grains - Evaluation Method: ABNT NBR 15000-3 or MIL STD 662F
PROPER USE	<ul style="list-style-type: none">• Opaque armor and/or similar, always applied as a «backing», with the adhesive and the metal surface «facing».• Panels are manufactured in dimensions of up to 4m² or in pre-cut parts according to the client's design. Each part must be installed precisely according to the project specifications.
INSTALLATION	<ul style="list-style-type: none">• Evenly apply PU adhesive specific for armor, on the entire face of the part in direct contact with the vehicle bodywork. It is recommended to use DUPONT® Polyurethane Adhesive BETASEAL U418PB 600ml.
CARE AND HANDLING	<ul style="list-style-type: none">• Avoid folds and wrinkles• Do not wet• Do not heat
CARE AND STORAGE	<ul style="list-style-type: none">• Dry and ventilated environment• No direct contact with UVA and UVB rays



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